Content

Preface	6
Generalized 'Lion & Man' Game of R.Rado Abdulla A. Azamov, Atamurot Sh. Kuchkarov	8
On the Computation of Semivalues for TU Games Irinel Dragan	21
Stochastic Reaction Strategies and a Zero Inflation Equilibrium in a Barro-Gordon Model Christian-Oliver Ewald, Johannes Geissler	32
Tracing the Modern Concept of Convexity Sjur D. Fl_am, Gabriele H. Greco	45
Weightiness for Simple Games with Less than 9 Voters Josep Freixas, Xavier Molinero	63
Hierarchies in Voting Simple Games Josep Freixas, Montserrat Pons	72
The Dynamic Game with State Payo_ Vector on Connected Graph Hong-wei Gao, Ye-ming Dai, Han Qiao	81
The Scenario Bundle Method and the Security of Gas Supply for Greece Konstantinos G. Gkonis, Harilaos N. Psaraftis	89
Quality Competition: Uniform vs. Non-uniform Consumer Distribution Margarita A. Gladkova, Nikolay A. Zenkevich	111
Optimal Hierarchies in Firms: a Theoretical Model Mikhail V. Goubko, Sergei P. Mishin	124
How to Play Macroscopic Quantum Game Andrei A. Grib, Georgy N. Parfionov	137
Solutions of Bimatrix Coalitional Games Xeniya Grigorieva, Svetlana Mamkina	147
Precautionary Policy Rules in an Integrated Climate-Economy Differential Game with Climate Model Uncertainty Magnus Hennlock	154
Random Priority Two-Person Full Information Best-Choice Game with Disorder <i>Evgeny E. Ivashko</i>	179
Rank-Order Innovation Tournaments Andre A. Keller	188
Nash and Stackelberg Solutions Numerical Construction in a Two-Person Nonantagonistic Linear Differential Game Anatolii F. Kleimenov, Sergei I. Osipov, Dmitry R. Kuvshinov	205
D. W. K Yeung Condition for Dynamically Stable Joint Venture Nikolay V. Kolabutin, Leon A. Petrosyan	220
Brand and Generic Advertising Strategies in a Dynamic Monopoly with Two Brands Ananstasia F. Koroleva, Nikolay A. Zenkevich	241
Three-Sided Matchings and Separable Preferences Somdeb Lahiri	251
A Game Model of Economic Behavior in an Institutional Environment Vladimir D. Matveenko	260
Mutual Mate Choice Problem with Arrivals Vladimir V. Mazalov, Anna A. Falko	271
Ideal Money and Asymptotically Ideal Money John F. Nash	281
Studying Cooperative Games Using the Method of Agencies John F. Nash	294
Competition of Large-scale Projects: Game-theoretical Approach Oleg I. Nikonov, Sergey A. Brykalov	307
A Generalized Model of Hierarchically Controlled Dynamical System Guennady A. Ougolnitsky	320

Proportionality in Bargaining Games: status quo-Proportional Solution and Consistency Sergei L. Pechersky	334
Conditions for Sustainable Cooperation Leon A. Petrosyan, Nikolay A. Zenkevich	344
Analysing Plural Normative Interpretations in Social Interactions Dawidson Raza_mahatolotra, Emmanuel Picavet	355
Uncertainty Aversion and Equilibrium Jorn Rothe	363
Compliance Pervasion and the Evolution of Norms: the Game of Deterrence Approach Michel Rudnianski, Huo Su and David Ellison	383
A Game Theoretic Approach for Selecting Optimal Strategies of Fertiliser Application Sergei Schreider, Panlop Zeephongsekul, Matthew Fernandes	415
A Practicable Cost-Allocation Method for Cooperative Settings Jan Selders, Karl-Martin Ehrhart	437
On the Value Function to Di_erential Games with Simple Motions and Piece-wise Linear Data Lyubov G. Shagalova	450
Time-consistency Problem Under Condition of a Random Game Duration in Resource Extraction Ekaterina V. Shevkoplyas	461
Dynamic Game-theoretic Model of Production Planning under Competition Anna V. Tur	474
Cooperative Game-theoretic Mechanism Design For Optimal Resource Use David W. K. Yeung	483